

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/21695

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G09C 3/08; G06F 15/16

US CL : 713/164

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 713/201,151,155,164,166;380/255,258

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|------------------------------------|
| Y | US 6,397,330 B1 (ELGAMAL et al.) 28 May 2002 (28.05.2002), abstract, Fig. 1 Col. 1, lines 40 through col. 4, line 35, line 55 through col. 5, line 15, Fig. 2, col. 5, line 44 through col. 6, line 13, lines 53-67, col. 10, claims 1 and 5. | 1-53 |
| Y | US 6,073,242 A (HARDY et al.) 06 June 2000 (06.06.2000), the entire document. | 1-53 |
| Y | US 5,828,832 A (HOLEN et al.) 27 October 1998 (27.10.1998), the entire document. | 1, 26, 27, 32, 33, 42, 43, 44, 48. |
| Y | US 6,202,157 B1 (BROWNLIE et al.) 13 March 2001 (13.03.2001), the entire document. | 1, 26, 27, 32, 33, 42, 48 |

Further documents are listed in the continuation of Box C.

See patent family annex.

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| Special categories of cited documents: | |
| "A" document defining the general state of the art which is not considered to be of particular relevance | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
| "E" earlier application or patent published on or after the international filing date | "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone |
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| "O" document referring to an oral disclosure, use, exhibition or other means | "&" document member of the same patent family |
| "P" document published prior to the international filing date but later than the priority date claimed | |

Date of the actual completion of the international search

21 November 2003 (21.11.2003)

Date of mailing of the international search report

12 DEC 2003

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Faxsimile No. (703)305-3230

Authorized officer

Ayaz Sheikh

Peggy Harrod

Telephone No. (703) 305-9648

INTERNATIONAL SEARCH REPORT

PCT/US03/21695

Continuation of B. FIELDS SEARCHED Item 3:
West, Dialog, Proquest and Google: Search Terms: Key server, Cryptographic API and key server, Secure network interface